## INTERNATIONAL SEARCH REPORT Information on patent family members

ional Application No PCT/EP2005/001296

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
JP 57103728 ·	Ä	28-06-1982	NONE			
JP 57195528	Α	01-12-1982	JP JP	1442268 62049124		30-05-1988 17-10-1987
DE 2235063	A1	25-01-1973	IT GB US	1397136	B A A	10-06-1980 11-06-1975 24-12-1974
DE 3537508	A1	24-04-1986	JP JP JP JP JP JP JP FR GB	61138410 63007369 1483750 61103616 63030085 1712992 3068084	Y2 U Y2 C A B C B A A1	20-08-1986 08-07-1988 28-08-1986 02-03-1988 27-02-1989 22-05-1986 16-06-1988 27-11-1992 25-10-1991 09-07-1986 25-04-1986 23-04-1986

THIS PAGE BLANK (USPTO)

## INTERNATIONAL SEARCH REPORT

Interplication No PCT/EP2005/001296

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B21B45/02 B050 B05C5/00 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 B21B B05C Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Category ° Relevant to claim No. Α PATENT ABSTRACTS OF JAPAN 1 - 10vol. 006, no. 196 (M-161), 5 October 1982 (1982-10-05) & JP 57 103728 A (NIPPON STEEL CORP), 28 June 1982 (1982-06-28) cited in the application abstract PATENT ABSTRACTS OF JAPAN Α 1 - 3vol. 007, no. 047 (M-196), 24 February 1983 (1983-02-24) & JP 57 195528 A (ISHIKAWAJIMA HARIMA JUKOGYO KK; others: 01), 1 December 1982 (1982-12-01) abstract -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. ° Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or other means ments, such combination being obvious to a person skilled document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of malling of the international search report 19 May 2005 11/07/2005 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Forciniti, M Fax: (+31-70) 340-3016

## INTERNATIONAL SEARCH REPORT

Intermional Application No PCT/EP2005/001296

C.(Continua	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 22 35 063 A1 (CENTRO SPERIMENTALE METALLURGICO S.P.A., ROM) 25 January 1973 (1973-01-25) figures 3,8	1
A	DE 35 37 508 A1 (NIPPON KOKAN K.K; NIPPON KOKAN K.K., TOKIO/TOKYO, JP) 24 April 1986 (1986-04-24) figures 1a,1b	1
	·	
٠		
	·	